

Attorney Docket No.: 0254-080

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SERIAL NO.:

09/761,210

APPLICANT:

Carmen Burns

FILING DATE:

01/16/2001

TITLE:

Method of Manufacturing a Surface Mount Package

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Pursuant to the guidelines for Information Disclosure Statements, 37 C.F.R. §§ 1.97-1.98, attached hereto is PTO Form 1449 (ten sheets) with references listed for consideration by the Office.

In accordance with 37 C.F.R. § 1.98(a), copies of the listed written references are being provided.

In accordance with 37 C.F.R. §§ 1.97(g)-(h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

CERTIFICATE OF MAILING

Thereby certify that this paper or fee is being deposited with the United States Postal Service as first-class mat in an envelope addressed to the Box DD, Assistant Commissioner for Patents. Washington, D.C. 2023 Jon the 4th day of March, 2002

3*i*...

Allanna O. Smith

This Information Disclosure Statement is being filed before receipt of the first Office action, so no fee is believed to be due. The Commissioner is hereby authorized to charge any fees which may be required in connection with the filing, or to credit any overpayment to Deposit Account No. 501031, under Order No. 0254-080, upon which account the undersigned has the authority to sign.

A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GEORGE & DONALDSON, L.L.P.

Date: Mar. 4, 2002

By:

1.8cott Denko

Registration No. 37,606

GEORGE & DONALDSON, L.L.P.

1100 Norwood Tower 114 W. 7th Street

Austin, Texas 78701

Telephone: (512) 495-1436 Facsimile: (512) 499-0094

Form P10:1449 (Modified) MAR (Rev. 1) 92)

MAR 1 2 2002

U.S. Dept. of Commerce Patent and Trademark Office

ATTY. DOCKET NO. SERIAL NO. 0254-080 09 761,210

STATEMENT BY APPLICANT

APPLICANT

Carmen D. Burns

 FILING DATE
 GROUP

 01 16 2001
 3729

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
cjo.	3,246,386	04 19 1966	Ende	29 155.5		01 26 1962
cje	3,287,606	11 22 1966	Schwartz	317 101		12 16 1964
Cyc.	3,290,559	12 06 1966	Kirby	317 101		06 16 1964
gu	3,313,986	04 11 1967	Kilby	317 101		12 23 1965
gu	3.377.516	08 04 1966	Ellett	317 101		08 04 1966
of a	3,403,300	09 24 1968	Horowitz, et al	317 101		09 01 1966
90	3,436,604	04 1969	Hyltin, et al	317 101		04 25 1966
cja	3,515,949	06 02 1970	Michaels	317 101		11/22 1967

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

					Trans	slation
Document Number	Date	Country	Class	Subclass		
2-260448	10 1990	Japan		 	Yes	No
3-167868A	07:19:1991	Japan		 	Yes	-
3-96266	04.1991	Japan		 	Yes	
4-209562	07/30 1992	Japan		 	Yes Yes	
57-31166A	02.19.1982	Japan			Yes	
58-112348A	04 07 1983	Japan			Yes	
58-219757A	12/21/1983	Japan			Yes	
58-96756A	08 06 1983	Japan			Yes	
60-160641	08-1985	Japan			Yes	
60-254762A	12/16/1985	Japan	- 		Yes	
61-163652A	07 24:1986	Japan			Yes	
61-219143A	09-29 1986	Japan			Yes	
61-63048	04/1986	Japan			Yes	
61-75558A	04 17 1986	Japan			Vac	· .
62-230027A	08/10/1987	Japan			Yes	-17
63-117451A	05/21/1988	Japan		 	Yes	: -
63-153849A	06 27 1988	Japan	_ +		Yes	**
		Omition no delice			1 63	

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	Dance Dea Missesset Le College ACTION, TITLE, DATE, PERTINENT PAGES, ETC.)	17
	Dense-Pac Microsystems, Inc., Catalog describing two products: DPS512X16A3 Ceramic 512KX16 CMO	S SRAM Module, pp. 865-870
	Dense-Pac Microsystems, Inc., "Memory Products-ShortForm-Q4," 1994, 5 pages.	<u> </u>
	Dense-Pac Microsystems, Inc., "Short Order Catalog," 1990, 12 pages.	Ť
	Dense-Pac Microsystems, Inc., "Short Form Catalog," 1991, 20 pages.	
	Dense-Pac Microsystems, Inc., "3-D Technology," 1993, 15 pages.	
	Dense-Pac Microsystems, Inc., 16-Megabit High Speed CMOS SRAM.	
	Dense-Pac Microsystems, Inc., 128-Megabyte SDRAM Sodimm.	
	Dense-Pac Microsystems, Inc., 256-Megabyte CMOS DRAM.	
	Dense-Pac Microsystems, Inc. flyer "While others are still defining it Our customers are cashing in!"	

EXAMINER

^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PIO:1449 (Modified MAR 1 2 2002 INFORMATIVE DISCLOSURE TRANSME

U.S. Dept of Commerce Patent and Trademark Office

ATTY DOCKET NO. SERIAL NO.
0254-080 09 761,210

TRADEMA STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT Carmen D. Burns

FILING DATE GROUP
01 16 2001 3729

(37 CFR 1.98(b))

(37 CFR 1.9	98(b))		01 16 200)1	3729	
U.S. PATEN	T DOCUMENTS					
*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filmg Date (if appropriate)
Cle	3,535,595	10 20 1970	Moore	317 101		11 09 1967
gu -	3.614,541	10 19 1971	Farrand	317 101		04 08 1969
gn	3.614,546	10 1971	Avins	174 234		01 07 1970
ya	3,671,812	06 20 1972	Peluso, et al	317 118		07 01 1970
Ga	3,713,893	01 1973	Shirland	136 89		02 17 1967
ga Ga	3,727,064	04 1973	Bottini	250/217		03/17 19 71)
94	3,739,462	06 19 1973	Hasty	29 577		01/06 1971
ge	3,746,934	07-17 1973	Stein	317 101	:	05706/1971
ga	3,925,801	12 09 1975	Haitz, et al	357 19	-	12 0971975
90	3,949,274	04 06 1976	Anacker	317:101		وي 05/30/1974رُ
age	3,959,579	05/25 1976	Johnson	174 68.5		≤ 08 19/1974
Ga	4,017,963	04 19 1977	Beyerlein	29 577		05/19 1975
cja -	4,103,318	07/25/1978	Schwede	361 388		07/25/1978
99	4,116,518	09 26:1978	Pleskac	339 17		08:31:1977
Op	4,116,519	09 26 1978	Grabbe, et al	339 17		08/02/1977
oja	4,158,745	06 19 1979	Keller	174 52		10-27-1977
ge	4,241,493	12/30/1980	Andrulitis, et al	29 572		12/22/1978
V		FOREIGN PA	TENT OR PUBLISHED FOREIGN PATENT A		1	
						T 1.2
	Document Number	Date	Country	Class	Subclass	Translation
	834-957	05 30 1981	SU			Yes No Yes
			OTHER DOCUMENTS	C FTC)		
····	Tuckerman, D.B.	et al., "Laminate	DING AUTHOR, TITLE, DATE, PERTINENT PAGE and Memory: A New 3-Dimensional Packaging Technology.	o, ETC.) iology for MCMs" arti	cle nCHID In	- HEEE 100.1
	1992 Proceedings	6, 42 nd Electronic	Components & Technology Conference, May 18-20,	1992.	ere, ne mir, me	11.1.1., 1774.
	Research Disclosi	ure, Organic Care	d Device Carrier, 31318. May 1990, No. 313.			
			mensional Package Type The SLCC," John Forthur	n. Advancement in Tec	chnology Feb	76 1992 12 page
	"New levels of hy	brid IC density a	re provided by Three-Dimensional Packaging" article	2. 2 pages		20, 1772, 12 page
	3-D Integrated Pa	ckaging and Inter	reconnect Technology: Wescon 90 Conference Record	l. held 13-15 Nov. 199	0 Anahein C	<u> </u>
VAMPUD						
XAMINER			DATE CONSIDERI	D		

^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MAR 1 2 2002 Form PTO-1449 (Modified) U.S. Dept. of Commerce. SERIAL NO. ATTY, DOCKET NO. (Rev. 11 92) Patent and Trudemark Office INFORMATION DISCLOS 09 761,210 0254-080 TATEMENT BY APPLICANT APPLICANT (Use several sheets if necessary) Carmen D. Burns FILING DATE GROUP 01 16 2001 3729 (37 CFR 1.98(b)) U.S. PATENT DOCUMENTS *Examiner Patent Issue Class Subclass Filing Date (if Number Initial Date Patentee appropriate) K 4,288,808 09 08 1981 Hantusch 357.68 01 23 1979 Cya 4,288,841 09 08 1981 Gogal 361 414 09 20 1979 99 4,321,418 03 23 1982 Dran, et al 136 251 05 08 1980 4,331,258 05 1982 Geschwind 220 359 03 05 1981 4,364,620 12 21 1982 Mulholland, et al 339.17 09-05-1980 4,371,912 02 01 1983 Guzik 361 417 10 01 1980 4,379,259 04/05/1983 Varadi, et al 324 73 03 12 19807 4,394,712 07:19 1983 Anthony 361 411 03/18/19811 4,398,235 08 09 1983 Lutz, et al 361 393 09/11/1980 Cro 4,437,235 03 20 1984 McIver 29.840 08:23/1982 4,451,973 06 05 1984 Tateno, et al 29 588 -04/13/1982 **予**/23/1<u>982</u> 4,521,828 06'04:1985 Fanning 361/386 4,525,921 07:02:1985 Carson, et al 29 577 07/25/1983 4,571,663 02/18/1986 McPherson 361 393 06/13 1983 4,574,331 03 04 1986 Smolley 361 393 05/31/1983 4,630,172 12 16 1986 Stenerson, et al 361 386 03-09/1983 4,631,573 05:24:1985 12 23 1986 Sutrina 357-82 05:23/1984 4,633,573 01 06:1987 Scherer 29 589 4,638,406 01-20:1987 Samson 361 403 04:14:1986 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Translation Document Number Date Country Class Subclass Yes No OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Christian VAL and Thierry Lenoin, 3d Interconnection for Ultra-Dense Multichip Modules, IEEE, pp. 540-547. Dean Frew, "High Density Memory Packaging Technology High Speed Imaging Applications, "SPIE, vol. 1346 Ultra-high-and High-Speed

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

Photography, Videography, Photonics, and Velocimetry '90, pp. 200-209.

EXAMINER

Alvin Weinburg and W. Kinzy Jones, "Vertically-Integrated Package," IEEE, pp. 436-443.

MAR 1 2 2002 Form PTO-1449 (Modified) (Rev. 11.92) INFORMATION DISCL TATEMENT BY APPLICANT

U.S. Dept. of Commerce Patent and Trademark Office

ATTY, DOCKET NO. SERIAL NO. 09 761,210 0254-080

APPLICANT

Carmen D. Burns

GROUP FILING DATE

(Use several sheets if necessary)

37 CFR 1.9	8(0))		01 16 2001		3729	
'.S. PATENT	DOCUMENTS	1	<u></u>		-	1
*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date appropriate
40	4,638,348	01 20 1987	Brown, et al	357.74		08 08 1983
Ga	4,642,735	02 10 1987	Hodsdon, et al	361 424		02 27 1984
Ga Za	4,680,617	07:14 1987	Ross	357 72		05 23 1984
	4,684,975	08 04 1987	Takiar, et al	357 70		12 16 1985
Zu	4,688,864	08 25 1987	Sorel	439 74	· · · · · · · · · · · · · · · · · · ·	03.28 1986
19	4,696,525	09.29 1987	Coller, et al	439 69		12:13:1985
1 4	4,698,663	10 06:1987	Sugimoto, et al	357 81		12/03/1986
19	4,706,166	11:10:1987	Go	361 403	-	04/25/1986
} 4	4,712,129	12 08 1987	Oreutt	357 84		09/30/1985 t
KR	4,722,060	01-26/1988	Quinn, et al	364 490		93 22 1984
f@	4,733,461	03.29/1988	Nakano	29 830		12,4/1985
In	4,761,681	08:02:1988	Reid	357/68		09/08/1982
19	4,763,188	08 09 1988	Johnson	357:74		11:04:1987
ja	4,770,640	09 13 1988	Walter	439 69		06/24/1983
ja	4,796,078	01 03 1989	Phelps, Jr., et al	357/68		06/15-1987
4	4,821,007	04 11/1989	Fields, et al	333 238		02 06:1987
19	4,821,148	04 11 1989	Kobayashi, et al	361 392		06-04 1986
¥ .	4,823,234	04 18/1989	Konishi, et al	361-386		06:01:1986
ja	4,829,403	05.09:1989	Harding	361 386		01/20 1987
		FOREIGN PA	TENT OR PUBLISHED FOREIGN PATENT API	PLICATION		
	D	D				
	Document Number	Date	Country	Class	Subclass	Yes N
	I	(BICT FI	OTHER DOCUMENTS	FTC :		1
	IBM Technical D		DING AUTHOR, TITLE, DATE, PERTINENT PAGES, n., vol. 20 No. 11A Apr. 1978.	EI(.)		
	IBM Technical D	isclosure Bulletii	ı, vol. 23 No. 12 May 1981		_	
	IBM Technical D	isclosure Bulletii	n, vol. 32 No. 3B Aug. 1989.			

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	OIFE						Sheet _	5_ of _1(
Form PTO-1449 (N (Rev. 11-92)	MAR 1 2 20	الا (100 الم	U.S. Dept. of Commerce Patent and Trademark Office	ATTY. DOCKE	r NO	SERIA	L NO.		
N.E.O.F	MAN		Patent and Trademark Office	0254-080		09 *61	,210		
INFOR	& TRADEM	eral sheets if ne		APPLICANT Carmen D. Burns					
				FILING DATE		GROU:	Р		
(37 CFR 1.98	S(b))			01 16 2001		3729	· ·		
U.S. PATENT	DOCUMENTS		1		1	Ī			
*Examiner Initial	Patent Number	Issue Date	Patentee		Class	Subclass	, -	Date (if` priate)	
Cyn	4,833,568	05 23 1989	Berhold		361 383		01 29 19	88	
ga	4,839,717	06 13 1989	Phy, et al		357 74		06 07 19	88	
ge	4,841,355	06 20 1989	Parks		357 82		02 10:19	88	
ga_	4.855,868.	08 08 1989	Harding		361 386		07 20 19	87	
Of a	4,862,245	08 29 1989	Pashby, et al		357.70	ि	02:19:19	88	
cja	4.862.249	08 29 1989	Carlson		357 80	· -	04 17 19	87	
cja	4,868,712	09 19 1989	Woodman		361 388		10/27/19		
Cya	4,878,106	10 31 1989	Sachs		357-72		05-06-19	88	
cya	4,884,237	11 28 1989	Mueller, et al		365 63		03/17/49	89	
oje	4,891,789	01 02 1990	Quattrini, et al		365 63		03 03 19	88	
ga	4,924,352	05 08 1990	Septfons		361 388		12/21/19	88	
ga	4,948,645	08:14:1990	Holzinger, et al		428.40		08:01/19	89	
ga	4,953,005	08 28 1990	Carlson, et al		357 80		04/15/19	88	
ga	4,953,060	08:28 1990	Lauffer, et al		361 388		05/05/19	89	
cja -	4,956,694	09:11/1990	Eide		357 74		11:04:19	88	
ýe –	4,994,411	02 19 1991	Naito, et al		437-209		03/10/19	89	
Ga	4,996,583	02 26:1991	Hatada		357:70		02:09 19	90	
opa	4,996,587	02-26:1991	Hinrichsmeyer, et al		357:74		03:23:19	90	
ga	4,997,517	03 15/1991	Parthasarathi		156 630		01/09/19	90	
<u> </u>	···	FOREIGN PA	TENT OR PUBLISHED FOREIGN	PATENT APPLIC	ATION		-		
	Daniel March	5.			611		Trans	lation	
	Document Number	Date	Country		Class	Subclass	Yes	No	
		(DICLEY)	OTHER DOCUMENTS	VENT DAGES PER					
		INCLUL	DING AUTHOR, TITLE, DATE, PERTI	NENT PAGES, ETC					

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

	01P						Sheet_	6_ of _1	
Form PTO-1449 (N	4odified)	23	U.S. Dept. of Commerce	ATTY: DOCKET	f NO.	SERIA	I. NO.		
(Rev. 11 92)	MAR 1 2	2002	Patent and Trademark Office EMENT BY APPLICANT	0254-080			.210		
<u>INFO</u> F	RMATIÓS DISCLO	SURE STATE	EMENT BY APPLICANT	APPLICANT					
	(Use seve	ral sheets if ne	cessary)	Carmen D. Burns					
				FILING DATE		GROU	Р		
(37 CFR 1.9)				01 16 2001		3729	. .		
	DOCUMENTS						T		
*Examiner Initial	Patent Number	Issue Date	Patentee		Class	Subclass	Filing I appro		
ga	5,001,545	03 19 1991	Kalfus, et al		357.70		09 09 19	38	
oja	5,014,113	05 07 1991	Casto		357.70		12:27:19	39	
Of a	5,016.138	05 14 1991	Woodman		361 381		09 18 19	89	
Cre	5,025,307	06 18 1991	Ueda, et al		357.80		03 29 19) ()	
ga	5,031,072	07 09 1991	Malhi, et al		361 387		01-31-19) 0	
cja	5,041,015	08 20 1991	Travis		439 492		03 30 19) 0	
Gr4	5,041,395	08 20 1991	Steffen		437 206		04 05 19	刈	
cja	5,043,794	08 27 1991	Tai, et al		357:74		09/24 19	.1 20)	
ga	5,049,527	09 17-1991	Merrick, et al		437 220		06 09 19	39	
ga	5,057,903	10 15 1991	Olla		357:72		11 08/19	n(3)	
ga	5,057,906	10:15:1991	Ishigami		357 80		-05/18/199		
ga	5,058,265	10/22 1991	Goldfarb		29 852		09/10.199) 0	
Ċya .	5,065,277	11 12 1991	Davidson		361 383		07:13 199) 0	
ga	5,068,708	11 26 1991	Newman		357 68		10/02/198	3 9	
cya	5,086,018	02 04 1992	Conru, et al	_	437 207		05/02/199)1	
cju	5,099,393	03 24 1992	Bentlage, et al		361:413		03:25 199)1	
99	5,107,328	04 21 1992	Kinsman		357.74		02 13 199)1	
ga	5,108,553	04 28 1992	Foster, et al	·	205 125		09/25/198	39	
oja	5,128,831	07 07 1992	Fox, III, et al		361/396		10/31/199)1	
cja	5,138,434	08:11:1992	Wood, et al		357-74		01/22/199)]	
ge	5,140,745	08 25 1992	McKenzie, Jr.		29 852		07 23:199	90	
		FOREIGN PA	TENT OR PUBLISHED FOREIGN	PATENT APPLIC.	ATION				
	Dagamant Namahar	Dute	C		C)	6.1.1	Transl	ation	
	Document Number	Date	Country		Class	Subclass	Yes	No	
		/DCLU	OTHER DOCUMENTS	MENT DAGES ETC	<u> </u>		<u> </u>		
		HNCLUL	DING AUTHOR, TITLE, DATE, PERTI	VENT PAGES, ETC.)				
EXAMINER			DATE	CONSIDERED					

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Madified) U.S. Dept. of Commerce (Rev. 11.92) Patent and Trademark Office TEMENT BY APPLICANT e several sheets if necessary) (37 CFR 1.98(b))

T		
ATTY. DOCKET NO.	SERIAL NO.	
0254-080	09 761,210	
APPLICANT_		
Carmen D. Burns		
FILING DATE	GROUP	

3729

01 16 2001

*Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (if appropriate)
Cya	5,151,559	09 29 1992	Conru, et al	174 52.4		12 11 1991
} 2	5,155,068	10 1992	Tada	438 125		01 06 1992
yo	5,159,434	10 27 1992	Kohno, et al	358 80		02 01 1991
ga	5,168,926	12 08 1992	Watson, et al	165 185		09 25 1991
cja	5,198,888	03 30 1993	Sugano, et al	257 686		12 20 1990
ge	5,214,307	05 25 1993	Davis	257 676		07 08-1991
Ga	5,214,845	07.01 1993	King, et al	29 841		05/11/1992
<u>Ga</u>	5,221,642	06 22 1993	Burns	437:207		08-15-1991
cja –	5,222,014	06 22 1993	Lin	361 414		03:02/1992
Oja	5,223,739	06 29 1993	Katsumata, et al	257 676		09/13/1990
ya .	5,231,304	07.27 1993	Solomon	257 684		07:10:1992
भुद	5,236,117	08/17/1993	Roane, et al	228-180. 21		06/22/1992
ga	5,239,447	08/24/1993	Cotues, et al	361 744		09/13/1991
ga	5,241,454	08.31/1993	Ameen, et al	361 744		01/22/1992
4	5,243,133	09 07 1993	Engle, et al	174/52.4		02 18 1992
ya ya	5,266,834	11/30/1993	Nishi, et al	257 706		07 21 1992
19	5,273,940	12 28 1993	Sanders	437 209		06-15:1992
10	5,279,029	01-18-1994	Burns	29 856		05/11/1993
Sea	5,281,852	01/25/1994	Normington	257 685		12/10/1991

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Translation Document Number Date Country Class Subclass No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 8 of 10 Form PTO-1449 (Modified) U.S. Dept. of Commerce MAR 1 2 2002 ATTY, DOCKET NO SERIAL NO. (Rev. 11, 92) Patent and Trademark Office 09.761,210 0254-080 INFORMATION 2 ATEMENT BY APPLICANT & TRADEM APPLICANT (Use several sheets if necessary) Carmen D. Burns FILING DATE GROUP (37 CFR 1.98(b)) 01 16 2001 3729 U.S. PATENT DOCUMENTS *Examiner Patent Issue Class Subclass Filing Date (if Initial Number Date Patentee appropriate) 5,307,929 09 16 1992 05 03 1994 Seidler 206 331 5,311,401 05 10 1994 Gates, Jr., et al 07.09.1991361 760 07 29 1992 5,313,096 05 17 1994 Eide 257 686 5,343,075 08 30 1994 Nishino 06 22 1992 257 686 5,343,366 06 24 1992 08 30 1994 Cipolla, et al 361 785 5,367,766 11 29 1994 04.05.1993 Burns, et al. 29 848 5,369,056 11:29 1994 03 29 1993 Burns, et al 437 209 5,369,058 11 29 1994 Burns, et al 437 209 03 04 1994 5,371,866 12 06 1994 Cady 395 400 06/01/1992 Oju 5,373,189 12 13 1994 Massit, et al 257 686 07.30 1993 5.377,077 12.27 1994 Burns 361.704 12/17/1993 5,384,689 01 24/1995 Shen 361-761 12-20-1993 5,397,916 03 14 1995 Normington 257 686 07-26/1993 5,420,751 05:30 1995 Burns 361 707 10 08 1993 5,426,566 06 20 1995 Beilstein, Jr., et al 361.735 01 04 1993 5,446,313 08 29 1995 Masuda, et al 257 666 05 24 1993 5,446,620 08:29.1995 Burns 361-704 10:08/1993 5,475,920 12:19 1995 Burns, et al 29 856 03.04.1994 015 5,479,318 12 26 1995 Burns 361:735 05/12/1995 CIA 5,481,133 $01.02\ 1996$ Hsu 257 621 12:29 1994 5,484,959 01:16:1996 Burns 174 524 12/11/1992 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Translation Document Number Date Country Class Subclass

Yes No

OTHER DOCUMENTS

(INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER

^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1444 (Modified) (Rev. 11 92) INFORMATION STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))

EXAMINER

U.S. Dept. of Commerce Patent and Trademark Office

ATTY, DOCKET NO. SERIAL NO. 09.761.2100254-080

APPLICANT

Carmen D. Burns

GROUP FILING DATE 3729 01 16 2001

*Examiner	Patent	Issue		Class	Subclass	Filing D	
Initial	Number	Date	Patentee			approp	riate)
yr	5,493,476	02 20 1996	Burns	361 735		05 22 199	5
Tija.	5,499,160	03 12 1996	Burns	361 704		01 30 199	5
cfo-	5,514,907	05 1996	Moshayedi	257 686		03 21 199	15
go	5,543,664	08 06 1996	Burns	257 787	ļ	01-20-199	15
Cyei	5,550,711	08 27 1996	Burns, et al	361 728		05 08 199	15
Ge	5,552,963	09 03 1996	Bums	361 735		07-24 199	15
CPO	5,561,591	10 01 1996	Burns	361 704		08.12.199	14
34	5,566,051	10 15 1996	Burns	361 704		08 30 199	4
Ya 💮	5,586,009	12 17 1996	Burns	361 735	3	04 09 199	6
C/e	5,588,205	12/1996	Roane	29 830		09 0 5 /1 9 9	15
Òjei	5,605,592	02 25 1997	Burns	156 182		05.22.199	<u>'</u>
dje	5,612,570	03/18 1997	Eide, et al	257 686		04/13/199	
Cja	5,615,475	04/01/1997	Burns	29-827		08/21799	
ga	5,631,193	05/20/1997	Burns	29 827		06/30/199	
), r.	5,657,537	08:19:1997	Saia, et al	29 830		05/30/199	5
Čje	5,723,903	03 03 1998	Masuda, et al	257 696		07/07/199	5
cje	5,778,522	07:14:1998	Burns	29.830		05:20:199	6
Clá	5,783,464	07/21/1998	Burns	438 112		02/11/199	7
J 4 J 4	5,801,437	09-01-1998	Burns	257-685		08/11-199	5
721	5,804,870	09 08 1998	Burns	257:666		01:30/199	5
cya	5,828,125	10 27 1998	Burns	257-668		12:02:199	6
J		FOREIGN PA	TENT OR PUBLISHED FOREIGN PATENT APPLI	CATION			_
						Transla	ation
	Document Number	Date	Country	Class	Subclass	Yes	No
-			OTHER DOCUMENTS				

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PATENT	DOCUMENTS
*Examiner	12,113
- Laminer i	

	NT DOCUMENT	S		01 16 2001	I:	GRO	LIP.
*Examiner Initial	Patent Number	. Issue				3729	
Oja Star	5.843.807	Date 12 01 1998	Patentee	-	Class	Subclass	Filing D
Cyr	5,864,175	01 26 1999	Burns		438 109		Filing Date appropriate
Cyc C	5,895,232	04 20 1999	Burns		257 684		07 25 1996
Se	5,960,539	10.05.10	Burns		438 107		05 10 1996 07 07 1997
oja	5,978,227 6,025,642	1 1	$3um_S$		29 854	T	02 11 1998
Car	6,049,123	1 1	ums		361 735	1	15 13 1996
	5.168.970B1	01.02.2	IITIS		257 686	0	9 22:1997
6.	.194,247B1	(12.27.2	ms		257 686	- 09	22:1997
1	205,654B1	03 27 2001 Burn			438 106 438 107	11	05/1999
1	288,907B1 (10,392B1	09 11 2001 Burn		-	9-830	1	23.1998
- 1	36,916	10/30/2001 Burn.	S	30	51 783	ĺ	0.1999 0.1999
		FOREIGN PATEN	ayedi	25	7/723	1	0.1999 3.1998
Doct	ument Number	TATENT (OR PUBLISHED FOREIGN PA	TENT APPLICATIO	7 723	1	1998
	- amber	Date			7		7

Document Number	FOREIGN PATENT OR PUBLISHED FOREIG	N PATENT APPLICATION	04.22/1998
	Date Country	Class	Subclass Translation
EXAMINER	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERT)	NENT PAGES, ETC.)	Yes No

EXAMINER	I GEDING AUTHOI	R. TITLE, DATE, PERTINENT PAGES, ET
*EXAMINER: Initial if citation considered. Include converted	ered, whether	DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include conv of this form with next communication to applicant.